M=FxF M2 VFseno M = Fd sen 0 = Fd b V(d+a)2+b2 = d (Fb) > K [(q+a)2 +p3] = 95 Ks [d2+2ad+q2+b2]=d2k2 92 Kz - 95 - 5ag - 95 - pz d2 (K2-1) + d (-24) + (-a2-b2) = 0 9= K2-1 -> 4.0625; 4.29 14.416 4.444 -0.6 |-0.8 (-1 |-1.2 C= -q2-b2 = -0.9 (-1.16 -1.46) -1.8 0.622 0.699 d, (m) -0.40 -0.435 -0.478 -0.516 d2 (m) Tomal Tend2 tend3 Tend4 M (N·M) 960 1000 1040 F (N) 2400 2300 2200 2100 p (w) 1.1 1.2 d (m) 0.3 0.5 0.6 La Solución Para los 2 otvos temas se adjunta Op = 175 mm F1 = 150 N A 200 F2 = 230 N 1 F3 = 165 N 5100 F4 = 320 N 100 ri= (-4051 + 29.93) + 82.22 f) mm F1= (01-140.95) +51.30 k) mm F, senzoo M, = (131251+20777.72)+=======

+ 57086.33 k) N.mm

r2 = (-4051 +05 -97-5k) an F2 = (01 - 2151 +0R) N $\begin{array}{ll}
F_2 & F_2 = (0) \\
\hline
N_{2} = (-18812.5 \hat{1} + 0 \hat{3} + 87075 \hat{k}) N_{\text{min}}
\end{array}$ (-180 i +86.17) - 15.19 R) am F3=(01-28.651-162.49 R)N M3=(-1+437.57 + 29 248.79 5 +5157.35 R) N.mm Facosloo Facosloo ra=(-1807-86.77)+15.19 k) mm Fi= (0i-45.14) - 256.05 R) N F45enlo M4= (227501 = 460893 + 8126.73 P) N.MM FR = (01 - 429.75] -367. 24 R) N MR= (2625) -54560,07) +157445, 41 8) W. MM FR = F, +F2+F3+F4 MR=M, +M2 +M3+M4 01 = Tan-1 3000 = 38.660 3 - Tand + GOON DE SAPOVO EN rodillo 200 mm = 21.80 VIDOMA 100 mater - 0 Potto A EM = 600 N. 200 mm - FBE SEN OZ X100 mm = 0 FBE = 600 N. 200 mm. SEA 21.8 x loomn = 3231, 298 U \$ EMB = 600 N. 100 mm - FOR Sen 01. 100 mm = 0 FCF = 600 N. 100 mm = 960.465 U = ZFx = FcFcos 0, + FBE COS 02 - Dx=0 Dx = 960.465 NCOS 38.660 + 3231.298 N COS 21.80 Dx= 3748.531 N